

CLAIMS

1. An electrochemical device comprising:

an electrochemical element including a pair of electrode layers;
a pair of container members made of a metal surrounding the
5 electrochemical element; and

an electrically insulative gasket, interposed between the pair of
container members, for electrically insulating the container members
from each other;

wherein the electrochemical element is sealed by causing an end
10 part of one container member to crimp an end part of the other container
member while interposing the gasket between the end part of one
container member and the end part of the other container member, one
of the pair of electrode layers being electrically connected to one
container member, the other of the pair of electrode layers being
15 electrically connected to the other container member; and

wherein the end part of one container member and the end part
of the other container member are bonded to each other by the gasket.

2. An electrochemical device according to claim 1, wherein
the gasket contains at least one of acid-denatured polypropylene and
20 acid-denatured polyethylene.

3. An electrochemical device according to claim 1 or 2,
wherein one container member and the other container member are
bonded to each other by heating the gasket after causing the end part of
one container member to crimp the end part of the other container
25 member.

4. An electrochemical device comprising:

an electrochemical element including a pair of electrode layers;
a pair of container members made of a metal surrounding the
electrochemical element; and

an electrically insulative gasket, interposed between the pair of
5 container members, for electrically insulating the container members
from each other;

wherein the electrochemical element is sealed by causing an end
part of one container member to crimp an end part of the other container
member while interposing the gasket between the end part of one
10 container member and the end part of the other container member, one
of the pair of electrode layers being electrically connected to one
container member, the other of the pair of electrode layers being
electrically connected to the other container member;

the electrochemical device further comprising an electrically
15 insulative resin part bonded from one container member to the other
container member so as to cover a joint between one container member
and the other container member.

5. An electrochemical device according to claim 4, wherein
the end part of one container member and the end part of the other
20 container member are bonded to each other by the gasket.